



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

BIBDATASHEET

Bib Data Sheet

CONFIRMATION NO. 3183

SERIAL NUMBER 10/077,854	FILING DATE 02/20/2002 RULE	CLASS 360	GROUP ART UNIT 2653	ATTORNEY DOCKET NO 520.41222X01
--------------------------------	---------------------------------------	--------------	---------------------------	---------------------------------------

APPLICANTS

Hiroyuki Hoshiya, Odawara, JAPAN;

Masahiko Hatatani, Odawara, JAPAN;

Hisashi Kimura, Odawara, JAPAN; Hiroshi Ide, Kodaira, JAPAN;

** CONTINUING DATA *****

** FOREIGN APPLICATIONS *****

JAPAN 2001-177925 06/13/2001 *CPM*IF REQUIRED, FOREIGN FILING LICENSE
GRANTED** 03/08/2002 *CPM*

Foreign Priority claimed <input checked="" type="checkbox"/> yes <input type="checkbox"/> no 35 USC 119 (a-d) <input checked="" type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after conditions met Allowance Verified and <i>CPM</i> Acknowledged Examiner's Signature Initials	STATE OR COUNTRY JAPAN	SHEETS DRAWING 15	TOTAL CLAIMS 10	INDEPENDENT CLAIMS 2
--	-------------------------------------	-----------------------------	---------------------------	--------------------------------

ADDRESS

020457

ANTONELLI, TERRY, STOUT & KRAUS, LLP

1300 NORTH SEVENTEENTH STREET

SUITE 1800

ARLINGTON , VA

22209-3873

TITLE

Spin-valve head containing closed-flux-structure domain control films

FILING FEE RECEIVED 1300	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees
		<input type="checkbox"/> 1.16 Fees (Filing)
		<input type="checkbox"/> 1.17 Fees (Processing E: of time)
		<input type="checkbox"/> 1.18 Fees (Issue)
		<input type="checkbox"/> Other _____
		<input type="checkbox"/> Credit